

Octa-Soligen® Calcium 4, basic

Calcium drier for solvent-based systems

Physical Characteristics

Appearance	Clear, very low-viscous colorless to yellowish liquid
Metal content	Ca: 3.90 - 4.10 % DIN 55901
Non-volatile content	20.00 - 24.00 % ISO 3251 (2g, 3h, 105°C)
Viscosity	Max. 30 mPa.s (20°C) ISO 3219 (A)
Specific gravity	NA
Density	0.840 - 0.880 g/cm ³ DIN 51757 (20 °C)
Solvent	White-spirit containing <1 % aromatics

Features

- Yields synergistic effects in combination with primary driers such as cobalt and manganese and with secondary driers such as zirconium
- Prevents adsorption of the primary driers at the surface of pigments and extenders, thus stabilizing drying power
- Promotes pigment wetting and film gloss

Applications

- Solvent-based systems based on alkyds and epoxy esters that dry by oxidation

Dosage

In our experience, the percentage addition of calcium, calculated on the metal content relative to solid binder, is approx. 0.03 - 0.30 %. The exact amount required depends on the binder used and should always be determined in preliminary trials. It is recommended to add all or part of Octa-Soligen® Calcium during the grinding step to improve pigment wetting. It can also be incorporated at the end of the process at the same time than other driers.

Storage

Protect from the effects of weathering and store at temperatures between 5 and 30 °C. Once opened, containers should be resealed immediately after each removal of the product.

Safety

Please refer to our safety data sheet for information relating to product safety.

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PLEASE NOTE: As each customer's use of our product may be different, information we provide, including without limitation, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. Each customer must test and be responsible for its own specific use, further processing, labeling, marketing, etc. All sales are exclusively subject to our standard terms of sale posted at www.milliken.com/terms (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.